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Muller

**Atty Docket No.: JCLA8894**

**Serial No.: 10/084,761**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In Re Application of:**

SAWADA, Hiroshi

Serial No.: 10/084,761

Filed: 02/20/2002

For: SUBSTRATE CUTTING METHOD

**Examiner: ESTRADA, M.**

Art Unit: 2823

Docket No.: JCLA8894

## AMENDMENT AND RESPONSE TO OFFICE ACTION

**FAX RECEIVED**

Assistant Commissioner of Patents and Trademarks  
Washington, DC 20231

JAN 28 2003

**TECHNOLOGY CENTER 2800**

Sir:

The Office Action mailed Oct. 4, 2002, has been carefully considered. In response thereto, please enter the following amendments and consider the following remarks.

**In The Claims:**

**Please cancel claims 2, 5 and 8, without prejudice or disclaimer.**

**Please amend claims 1, 3, and 11 as follows:**

1. (Once Amended) A substrate cutting method characterized by irradiating a substrate with ultrashort pulse laser to cut it, wherein a pulse width of said ultrashort pulse laser is equal to or less than 1 picosecond.

**J.C. PATENTS**  
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**CERTIFICATE OF TRANSMISSION****January 28, 2003**

<b>Atty Docket No. :</b>	JCLA8894
<b>Appl. No. :</b>	10/084,761
<b>Filing Date :</b>	February, 20, 2002
<b>Pages :</b>	Cover + 8

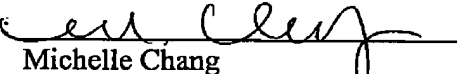
**BY FACSIMILE ONLY**

**Fax No. :** 703-872-9318  
**Attention :** Examiner ESTRADA, MICHELLE  
**Group Unit :** 2823  
**From :** Jiawei Huang, Reg. No. 43,330  
**MESSAGE :** Enclosed herewith are:  
[x] Transmittal sheet  
[x] Amendment in 7 pages.

**FAX RECEIVED****JAN 28 2003****TECHNOLOGY CENTER 2800**

Sir:

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on January 28, 2003 at the above indicated fax number.

Sign by:   
Michelle Chang

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